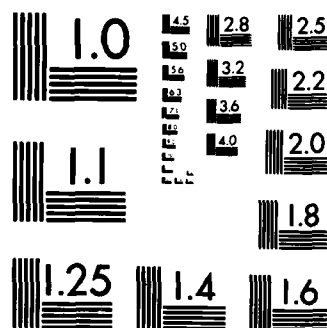


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STUDY PROJECT

REAR AREA COMMANDER'S RESPONSIBILITY

BY

MR. RICHARD D. MOULTON

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MILITARY STUDY PROJECT

REAR AREA COMMANDERS RESPONSIBILITY

MR. RICHARD D. MOULTON
STUDENT, USAWC 85
26 MAY 85

DISTRIBUTION STATEMENT A:
Approved for public release;
distribution is unlimited.

The purpose of this study is to provide a model for the control and administration of the Rear Battle, by the Rear Area Commander, and provides an organizational structure of the Rear Area Operations Center (RAOC). As such, it addresses Rear Area Protection (RAP) operations, policy, guidance, and procedures for units located in the Area of Operations (AO) supported by the RAOC.

The information in this study applies to all units located in the rear area and to all U.S. units operating in or transiting the rear area supported by a RAOC. It covers operational definitions, the threat to the rear area, the RAP concept of operations, RAOC organization and functions, RAP planning and execution, and RACO, ADC, and NBC Operations.

Definitions: The following definitions are provided to assist in understanding the major responsibilities and operations inherent in RAP operations in the assigned rear area.

A. Rear Area - The area to the rear of the main battle area that supports combat operations for a specific combat force or area of combat.

B. Rear Area Protection (RAP) - The concept, planning and operations taken to protect friendly personnel, units, and operations in the rear area from enemy attack and natural/manmade disasters. RAP includes Rear Area Combat Operations (RACO) and Area Damage Control (ADC).

C. Rear Area Combat Operations (RACO) - Operations undertaken in the rear area in reaction to an enemy threat with the mission to neutralize the enemy force. The operations employ organized forces drawn primarily from the Base Clusters for internal defense operations. Base defense forces may be augmented by MP, transitory, host nation, or dedicated tactical combat forces as available.

D. Area Damage Control (ADC) - Measures taken before, during, and after hostile action or natural or manmade disasters to reduce the probability of damage and/or minimize its effects.

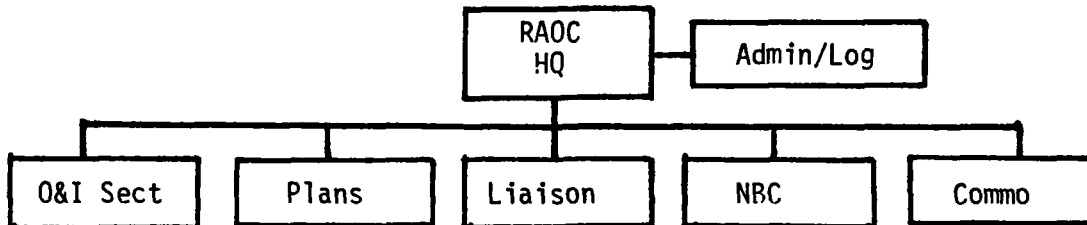
E. Rear Area Operations Center (RAOC) - An organized center which provides expertise and guidance for the echelon commander on Rear Area Operations including RAP, RACO, and ADC. A control center responsible for planning, coordinating, directing, and monitoring the rear area battle.

F. Base - A unit, group of units, or multiunit/personnel positions which are located within a common defensive perimeter.

G. Base Cluster - A group of bases, recommended by the RAOC and approved by the echelon support commander which share a common commander and plan for RAP.

Rear Area Operations Center Organization and Functions.

The RAOC is assigned to rear area to plan, organize, coordinate, and monitor RAP in the AO. It operates under the command authority of the rear area commander. FM 90-15 offers guidance in the organization and operations of the RAOC. Based on that reference, a RAOC could be organized as shown in the figure below;



- The RAOC Headquarters consists of the RAOC Commander and Command Sergeant Major
- The Admin/Log section provides administrative and logistics support for the RAOC.
- The Operations and Intelligence (O&I) section collects and disseminates intelligence, provides a threat analysis of the rear area, directs and coordinates RACO and ADC responses, and monitors the situation to keep the Rear Area Cdr informed.
- The Plans section plans for future operations and contingencies, provides capability/criticality/vulnerability assessments, and reviews Base Defence Plans.
- The Liaison section provides teams to assist the base and base clusters in their RAP planning and execution. These teams will be located at either a base cluster or a host nation regional headquarters and will act as a communications channel for RAP reporting and requests for RACO and ADC assistance.
- The NBC section plans for and reacts to the NBC threat in the rear area by predicting areas of expected NBC contamination and using reports from units in the area of NBC attacks to plot NBC contamination.
- The Commo section provides communications support for internal RAOC operations as well as external interface with supported units and commands.

RAOC functions

- A. Recommend assignment of units to bases and organization of base clusters

- B. Assign base and base cluster commanders with approval of the rear echelon commander.
- C. Review base and base cluster RAP plans.
- D. Perform criticality and vulnerability assessments.
- E. Collect and disseminate intelligence.
- F. Coordinate with higher and adjacent headquarters.
- G. Coordinate with the Host Nation for RAP support.
- H. Coordinate and direct the use of U.S. reaction forces.

THE O&I SECTION

The RAOC Operations and Intelligence (O&I) section is responsible for organizing, advising, and directing Rear Area Operations in the assigned rear area. As the force commander's point of focus for rear area operations, the O&I section should be located at or in close proximity to the force commander or his RAP officer.

The O&I section is one of six (6) RAOC subordinate elements which report to and operate under the command authority of the RAOC Commander. The section consists of twelve (12) personnel commanded by a Task Force Commander (TFC) Maj (O-4). Section personnel include an Operations Officer, CPT (O-3), Intelligence and Security Officer, CPT (O-3), Asst Operations Officer, 1LT (O-2), Asst Operations/Intell Officer, 1LT (O-2), Operations Sergeant, MSG (E-8), Engineer Operations/Intell Sergeant, MSG (E-8), Asst RAP Operations Sergeant, SFC (E-7), Intell Sergeant, SFC (E-7), Clerk Typist, SP4 (E-4), Illustrator, SP4 (E-4), and Vehicle Driver, PFC (E-3). In support of these personnel and the mission, the section is assigned one (1) 5-Ton Van, one (1) 1/4 Ton vehicle, one (1) 10KW and one (1) 1.5KW generator, one (1) multi-channel radio, one (1) drafting set, and one (1) drafting table.

SECTION POSITIONS AND RESPONSIBILITIES

TASK FORCE COMMANDER - Qualified Major (O-4). Reports directly to the Cdr RAOC. Responsible for supervising twelve (12) subordinate personnel and operating the O&I Section (sect). Directly supervises the Operations Officer and Intell and Security Officer. Major mission related duties include the planning and execution of the units RACO and ADC operations. Responsible for controlling the RAOC information flow, internal operations, and establishing plans and orders. Recommends appropriate action to the Cdr in support of ops. Maintains a thorough knowledge of the current situation in the assigned rear area to include force structure, enemy disposition, incidents, activities, and future plans and developments. Maintains close coordination with all RAOC subordinate and lateral sections especially the Plans Sect.

OPERATIONS OFFICER - Qualified Captain (O-3). Reports directly to the TFC. Responsible for all actions and decisions pertaining to the current RAP situation in the absence of the TFC. Analyzes the changing situation and recommends appropriate action. Assists in the planning, directing, and controlling of RAP operations in the assigned rear area in coordination with RAOC liaison personnel and appropriate force commanders. Is the principle section briefer.

INTELLIGENCE AND SECURITY OFFICER - Intelligence qualified Captain. Reports directly to the TFC. Keeps abreast of the current intelligence situation and insures timely dissemination of intelligence to immediately concerned units. Responsible for the RAOC INTSUM and contributes to the force INTSUM as required by the force intelligence officer. Conducts liaison with available intelligence support units. Supervises general intelligence and security training within the unit and oversees security policy.

ASSISTANT OPERATIONS OFFICER - Qualified Engineer First Lieutenant. Reports directly to the Operations Officer and follows guidelines established by the TFC. Is responsible for his shift and all unscheduled briefings in the absence of the Operations Officer. Performs map and physical recon and assists in performing criticality studies of MSR's and additional significant rear area resources. Assists in the development of a list on Engineer assets in the rear area. Conducts training in Engineer Operations as applied to the RAOC.

ASSISTANT OPERATIONS/INTELLIGENCE OFFICER - Qualified Intelligence First Lieutenant. Reports directly to the Operations Officers and follows guidelines established by the TFC. Assists in the threat assessment of the Communications zone and the rear area. Is involved in the development, preparation, presentation, and monitoring of plans for countering threat forces. Conducts intelligence training within the unit.

OPERATIONS SERGEANT MSG (95B50) - Reports to the Operations Officer and follows guidelines established by the TFC. Responsible for the shift in the absence of the Assistant Operations Officer. Supervises the posting of the operations map, charts, section operations, and subordinate personnel. Is responsible for the shift in the absence of the Assistant Operations Officer.

ENGINEER OPERATIONS/INTELLIGENCE SERGEANT MSG (12Z50) - Reports to the Intelligence and Security Officer and follows guidelines established by the TFC. Establishes and maintains the section operations journal. Supervises the preparation of correspondance and the posting of maps and charts in the section. Advises section personnel in matters involving Combat Engineer Operations.

ASSISTANT RAP OPERATIONS SERGEANT SFC (11B40) - Reports to the OP SGT and follows guidelines established by the Operations Officer and TFC. Supervises tactical deployment in offensive, defensive, and retrograde operations. Will provide tactical and technical guidance to subordinate and higher grade personnel in accomplishment of their duties. Responsible for the shift in the absence of the Operations Sergeant as well as posting and keeping all maps and charts in the section current.

INTELLIGENCE SERGEANT SFC (96B40)- Reports to the OP SGT and follows guidelines established by the Intelligence officer and the TFC. Keeps abreast of the current intelligence situation and insures timely dissemination of intelligence to units affected. Responsible for the RAOC INTSUM or contributes to the force INTSUM as required by the intelligence officer. Conducts general intelligence training for the unit.

CLERK TYPIST SP4 (71L10) - Performs typing, clerical, and administrative duties of the O&I Section. Greets office visitors, answers the phone and records messages, and posts changes to regulations. Is responsible for maintaining the duty log (DA Form 1594) and performs extra duties as required.

ILLUSTRATOR SP4 (81E10) - Reports directly to the Operations Sergeant. Responsible for drafting posters, graphs, charts, and training aids. Makes illustrations with ink, crayon, pastels, drafting instruments, and other artist materials. Prepares mechanical drawings to illustrate equipment and weapons. Interprets blueprints and sketches. Performs additional duties as required.

LIGHT VEHICLE DRIVER PFC (64C10) - Responsible for the operation and maintenance of section vehicles to include operator maintenance, repair, installation of radios, and care and cleaning of equipment. Loads section equipment. Acts as the section courier and runner during section operations and performs additional duties as required.

O&I SECTION OPERATIONS

The Section is responsible for monitoring the RAP situation and reporting to the RAOC CDR on incidents and intelligence which impact upon the unit mission. The section prepares the initial RAP annex to the force OPLAN, and collects, analyzes, and disseminates intelligence affecting RAP.

Section mission duties include, but are not limited to;

- (1). - Maintain the status of RACO forces and ADC assets.
- (2). - Coordinate and/or direct employment of RACO and ADC assets.

- (3). - Coordinate with the Plans sect on estimates, plans, and orders.
- (4). - Provide continuity of operations during unit moves.

The O&I Section should maintain 24Hr operations which will require the presence of the following personnel as a minimum;

- (1).- Assistant Operations Officer
- (2).- RAP Operations Sergeant or Assistant RAP Operations Sergeant
- (3).- Intelligence and Security Officer of Intelligence Sergeant.
- (4).- Clerk Typist

Reports - The following reports should be received by the O&I Section:

- (1).- Presence Report (upon entering and leaving RAOC AO)
- (2).- Intelligence Reports (as issued from U.S., host nation, and allied intelligence).
- (3).- Status Reports (daily from each Base Cluster or province liaison team).
- (4).- Spot reports (from any source ASAP).

Maps and Charts - The O&I Section should maintain, as a minimum, the following maps and charts:

- (1).- Operations Map (JOG series 1:250)
- (2).- RAP Priorities Chart
- (3).- RAP Assets Chart
- (4).- Incidents Chart

Operations personnel should maintain charts on RAP assets and RAP priorities to track U.S. units moving into, through, or out of the rear area.

INTELLIGENCE OPERATIONS

Intelligence personnel are responsible for developing intelligence plans and policies, supervising intelligence operations, and insuring timely dissemination of all intelligence reports. They provide the threat analysis of the rear area and report the Priority Intelligence Requirements (PIR) and Other Requirements (OR). Initial requirements will be supplemented as required by the commander. The following requirements should be reported ASAP to the intelligence section:

- (1). PIR - Strength, capability, location, equipment, type of unit, and mission of enemy in AO.
 - Additional enemy forces affecting unit mission
 - Enemy capability and intent with the use of NBC (When and type of delivery)
- OR - Critical areas within the AO (MSR's, Commo systems, POL, Airfields, Harbors, etc)

The section will keep a current enemy situation map and incident chart and prepare INTSUM and OR as required by the force intelligence officer. They will prepare estimates and briefings based on the analysis of present intelligence information and will issue daily weather reports on the AO. The section should also supervise and report counterintelligence (CI) to enhance the Operational Security (OPSEC) of the RAOC. Physical, Document, Personnel, and Communications Security should also be addressed.

THE PLANS SECTION

The Plans section develops plans in support of all Rear Area Combat Operations (RACO), Rear Area Protection (RAP), Area Damage Control (ADC), and RAOC operations (ops) in support of the rear area to which the RAOC has been assigned.

ORGANIZATION

The plans section is one of six (6) RAOC subordinate elements which report to, and operate directly under the command authority of the RAOC Commander. The section consists of ten personnel commanded by a Task Force Commander (TFC) Major (O-4). Section personnel include an Engineer Plans/Operations Officer Captain (O-3), a Military Police Plans/Operations Officer Captain (O-3), a Reconnaissance (Recon) Officer Lieutenant (O-2), two Operations Sergeants (E-8), a Recon Sergeant (E-7), two Clerk Typists (E-4), and a Light Vehicle Driver (E-3). In support of these personnel, and the mission, the section is assigned four (4) 1/4 ton vehicles (two w/trailer), and four multi-channel radios.

SECTION POSITIONS AND RESPONSIBILITIES

TASK FORCE COMMANDER - Engineer (Eng) qualified Major (O-4), 21E00. Reports directly to the Cdr RAOC. Responsible for supervising nine (9) subordinate personnel and operating the Plans Section (sect). Directly supervises the Eng Plans/Ops Officer and the Military Police (MP) Plans/Ops Officer. Major mission related duties include the production, review, and dissemination of plans relating to RACO, RAP, and ADC. Reviews all Base Defense Plans and recommends the establishment and unit organization of the Base Defense Ops Complex (BDOC) as well as the assignment of the BDOC Cdr. Maintains an accurate current status of RACO and ADC assets in the rear area, documents RACO, ADC, and enemy incidents, and supports ops by providing MP and Eng expertise. Recommends appropriate action to the Cdr in support of ops. Maintains a thorough knowledge of the current situation in the assigned rear area to include force structure, enemy disposition, incidents, activities, and future plans and developments. Maintains close coordination with all RAOC subordinate and lateral sections especially the Ops/Intelligence (O&I) Sect.

ENG PLANS/OPS OFFICER - Eng qualified Captain (O-3) 21E00. Reports directly to the Plans TFC. Responsible for directly supervising the Recon Officer and Ops Sergeant (95B50). Is adept in the overall operation of the sect and acts as the sect cdr in the absence of the Plans TFC. During 24hr ops rotates supervision of the sect with the TFC. Major mission related duties include the review and coordination of BDOC organization, plans, and Cdr assignments as well as ADC assessment. Is the unit authority on Eng matters. Responsible for maintaining the current status of BDOC organization, internal RACO assets, ADC assets, status of forces, and enemy disposition and intent in the rear area.

MP PLANS/OPS OFFICER - MP qualified Captain (O-3) 31A00. Reports directly to the Plans TFC. Responsible for directly supervising the Operations Sergeant (12Z50). Is adept in the overall operation of the sect. Major mission related duties include the initiation, coordination, and review of sect plans and documentation relating to base defense planning. Recommends the organization of BDOC's and assignment of BDOC Cdr's. Provides guidance to requesting units on base defense planning and maintains a status of the current location and organization of rear area BDOC's. Reviews all defense plans and recommends action to be taken to improve defensive measures. Is the unit authority on MP matters and is responsible for coordinating all MP operations in the rear area as they relate to RACO and RAOC ops.

RECON OFFICER - Engineer qualified Lieutenant (O-2) 21E00. Operates under the broad guidance of the Plans TFC and reports directly to the Eng Plans/Ops officer. Directly supervises the Recon Sgt (12B40). Provides guidance on unit, as well as senior, lateral, and subordinate unit recon support missions. Responsible for the conduct of unit recon in support of ADC ops and analysis. Prepares, submits, and reviews all recon reports in support of unit or assigned unit mission. Remains aware of plans sect ops and is prepared to act as the unit authority on ADC matters in the absence of the Eng Plans/Ops officer.

OPERATIONS SERGEANT MSG (95B50) - Operates under the broad guidance and directives of the Plans TFC and reports directly to the Eng Plans/Ops officer. Responsible for the effective operations of the plans sect and the flow of information through the sect. Responsible for establishing, reviewing, and submitting unit logs and reports documenting sect ops. Responsible for preparing and maintaining maps, war boards, and special graphics supporting and depicting internal ops, base defense, and the rear area threat. Supervises section ops and subordinate personnel. In the absence of the TFC and ops officers, acts as the unit authority on plans ops.

OPERATIONS SERGEANT MSG (12Z50) - Operates under the broad

guidance and directives of the Plans TFC and reports directly to the MP Plans/Ops officer. Responsible for the documentation of sect plans as they relate to base defense. Provides guidance to requesting units on base defence planning and acts as the liason representative in matters of base defense, BDOC planning, and documentation. Assists in MP ops and RACO planning and documents all incidents related to RACO reactions.

RECON SERGEANT SFC (12B40) - Operates under the broad guidance of the Plans TFC and reports directly to the Recon officer. Responsible for documenting all RAOC recon missions as well as reviewing recon planning missions. Performs recon as assigned and supports requesting units and the RAOC in ADC recon mission and analysis. Assists in providing expertise on all engineer matters affecting RAOC ops.

CLERK TYPIST SP4 (71L10) - Operates under the broad guidance of the Plans TFC and reports directly to the Ops Sgt MSG (95B50). Performs the documentation of unit plans, logs, and correspondence in support of sect mission. Responsible for maintaining sect files and material in support of ongoing sect ops and/or mission ops. Prepares and updates section maps, warboards, and special graphics. Performs additional duties as assigned. (Two positions, one authorized)

LIGHT VEHICLE DRIVER PFC (64C10) - Operates under the broad guidance of the Plans TFC and reports directly to the Ops Sgt MSG (95B50). Responsible for the operator maintenance and operations of the plans sect vehicles. Acts as the section courier and runner. Performs additional duties as assigned.

SECTION OPERATIONS

Estimates, Plans and Orders

The plans sect is responsible for establishing all estimates, plans, and orders as assigned by the Cdr RAOC. The information contained in the reports may be derived from various RAOC sect and proper coordination must be accomplished prior to publication and dissemination of those reports. The Plans TFC should review all plans and orders prior to publication and will be the releasing authority. All plans produced by the sect will generally be in field order format/military format and will be disseminated through proper channels with two (2) copies retained in the plans sect files.

RACO Ops

The plans sect is responsible for the effective planning of RACO ops for senior, lateral, and subordinate units within the assigned rear area. The plans sect should identify and track all RACO reaction personnel and units to insure that forces are available to respond to the enemy threat in the rear area. RACO

ops will, under normal circumstances, be performed first by internal BDOC assets. If BDOC internal forces are not sufficient to neutralize enemy action or drive the enemy from the BDOC perimeter, the plans MP ops officer will coordinate RACO reactionary forces from other rear area assets. The Plans Section must insure that proper command authority is informed so as to deploy RACO forces in the most expeditious manner. All RACO ops must be coordinated with the O&I TFC.

RAP Ops

The Plans Sect is responsible for the establishment and accountability of plans relating to RAP in the assigned rear area. The MP plans/ops officer will track and identify all integral rear area operating units, and will recommend to the Plans TFC the proper delineation of BDOC's and assignment of BDOC Cdr's. The MP plans/ops officer will insure that all BDOC Cdr are aware of their responsibilities for BDOC defense planning and will assist them in the preparation of BDOC defense plans. BDOC defense plans are to be submitted to the plans sect for review and will be accounted for, and responded to by the MP plans/Ops officer. If needed, the MP plans/Ops officer will insure that a RAOC representative is sent to a requesting BDOC Cdr to assist in BDOC defensive planning.

BDOC Defense Plans

BDOC defense plans are the responsibility of the assigned BDOC Cdr. The RAOC Plans section acts as the coordinating and expert authority for the BDOC Cdr in the rear area. BDOC defense plans should be submitted to the RAOC within 24hr of the establishment of the BDOC and the assignment of the BDOC Cdr. The BDOC defense plan should include, at a minimum; an overlay of the BDOC outlining the BDOC perimeter and identifying all BDOC integral units, an overlay of the location of BDOC units and their assigned fields of fire, locations of critical targets (mobile and fixed) within the BDOC, numbers and types of equipment to be normally available in the BDOC for internal defense, numbers and types of equipment to be normally available in the BDOC for external defense and use as rear area RACO assets, numbers and MOS's of personnel in the BDOC to be normally available for internal and external RACO ops, and a copy of call signs, frequencies, types of commo equipment, and fixed commo facilities and or telephone numbers to be used to contact key BDOC personnel.

ADC Ops

ADC Ops in the assigned rear area are the responsibility of the RAOC Plans sect. The Eng Plans/Ops officer is responsible for preparing for and reacting to ADC operations. The BDOC Cdr is responsible for ADC ops in the assigned BDOC. The BDOC Cdr is required to submit a listing of all available equipment and

personnel that may be used for ADC ops. The listing must be broken down to those personnel and equipment that can only be used for internal BDOC ADC Ops, and those that can be used for external BDOC ADC Ops. BDOC Cdr's are required to submit these listing to the RAOC Plans sect within 24hr of the establishment of the BDOC and the assignment of the BDOC Cdr's. The Eng Plans/Ops officer will coordinate all ADC Ops in the assigned rear area and will provide expertise to all senior, lateral, and subordinate units on the assessment and control of ADC incidents.

Rear Area Threat

The Plans sect is responsible for tracking the enemy threat to the assigned rear area. The Eng Plans/Ops officer will insure that all enemy incidents in the rear area, as well as potential enemy threats to the rear area are documented and plotted on a situation map. Proper coordination must be accomplished with the O&I Sect Intelligence officer, for an assessment of the enemy threat and intentions, as well as updating information flow. Enemy threat information will be used to plan for BDOC vulnerability, BDOC defense planning, BDOC defense reaction, ADC Ops, and RACO Ops.

Criticality and Vulnerability Assessment

The Plans Sect is responsible for providing and assessment of the criticality and vulnerability of the assigned rear area. The assessment will incorporate information received throughout the RAOC and will center on, but should not be limited to, the established BDOC's. A copy of the assessment, and assessment updates, should be sent to the RAOC senior headquarters and all BDOC Cdr's, within 48hr of the establishment of rear area BDOC's.

Future Planning

The Plans Sect is responsible for tracking all future operations in the assigned rear area. All sect personnel should track future operations and assessments as they relate to intelligence, the enemy threat, rear area unit assignment and location, transient units, RAS, RACO, ADC, and BDOC ops. Future planning should center on the ability of the RAOC plans section to accurately predict rear area ops at least one (1) week in advance of current ops. The Eng Plans/Ops officer should maintain a reporting format to support the effective and immediate dissemination of information relating to future ops to the Cdr RAOC and/or any requesting person, unit, or organization. The RAOC Cdr will be the releasing authority for future planning reports.

THE LIAISON SECTION

The section supports RACO, RAP, ADC, and RAOC Ops in support of the rear area to which the RAOC has been assigned by providing liaison teams to the areas or units supported by the RAOC.

ORGANIZATION

The Liaison section is one of six (6) RAOC subordinate elements which report to, and operate directly under the command authority of the RAOC Commander. The section consists of twelve (12) personnel commanded by a Task Force Commander (TFC) Major (O-4). Section personnel include an Operations Officer Captain (O-3), and Engineer Staff Officer Captain (O-3), an Assistant Operations Officer Lieutenant (O-2), an Assistant Engineer Staff Officer Lieutenant (O-2), and Operations Sergeant (E-8), an Assistant Operations Sergeant (E-7), two Assistant Operations Sergeants (E-5), a Reconnaissance Specialist (E-5), a Clerk Typist (E-4), and a Light Vehicle Driver (E-3). In support of these personnel, and the mission, the section is assigned four 1/4 ton vehicles with trailers and four multi-channel vehicular mounted radios.

SECTION POSITIONS AND RESPONSIBILITIES

TASK FORCE COMMANDER - Combat Arms qualified Major (O-4) 11X00. Reports directly to the Cdr RAOC. Responsible for supervising eleven (11) subordinate personnel and operating the Liaison Section. Directly supervises the Operations Officer and the Engineer Staff Officer. Determines the composition and number of liaison teams required in support of the unit mission. Reviews all base defense plans and test alert results. Provides technical and tactical expertise to selected units as appropriate. Coordinates with the Operations Section and Plans Section on the conduct of RACO. Maintains a thorough knowledge of the current situation in the assigned rear area. Recommends appropriate action to the Cdr in support of Ops.

OPERATIONS OFFICER - Combat Arms qualified Captain (O-3) 13X00. Reports directly to the Liaison TFC. Responsible for directly supervising the Assistant Operations Officer and Operations Sergeant. Is fully versed in the overall operation of the sect and acts as the sect cdr in the absence of the Liaison TFC. During 24 Hr ops rotates supervision of the sect with the TFC. Directly supervises a liaison team assigned to assist and support one or more BDOC's dependent upon the situation. Analyzes the changing situation and makes recommendations to the BDOC Cdr's on their units security and mutual defense. Keeps the TFC apprised of the current situation. Assists in the planning and conduct of training to develop the skills of unit members.

ENGINEER STAFF OFFICER - Engineer Qualified Captain (O-3)
21J00. Reports directly to the Liaison TFC. Responsible for directly supervising the Assistant Engineer Staff Officer and the Assistant Operations Sergeant (E-7). Is fully versed in the overall operation of the sect. Provides engineer expertise to the sect and is the ADC expert in the Liaison Sect. Assists BDOC Cdr's in making engineer estimates and evaluations of their areas. Assists in the planning and conduct of training to develop the skills of unit members.

ASSISTANT OPERATIONS OFFICER - Combat arms qualified Lieutenant (O-2) 14X00. Operates under the broad guidance and direction of the Liaison TFC and reports directly to the Operations Officer. Provides technical and tactical expertise to BDOC's in the preparation of their base defense plans. Assists individual units in overall perimeter defense planning. Keeps apprised of the current situation and makes recommendations on improving base defense structures to suit the situation. Assists in the planning and conduct of training to develop the skills of unit members.

ASSISTANT ENGINEER STAFF OFFICER - Engineer qualified Lieutenant (O-2) 21J00. Operates under the broad guidance and direction of the Liaison TFC and reports directly to the Engineer Staff Officer. Provides technical and tactical engineer assistance to BDOC's by developing obstacle plans and engineer estimates and evaluations for RAP. Performs engineer recon ops and ADC assessments as required. Keeps apprised of the current situation as it affects the mission in the rear area. Assists in the planning and conduct of training to develop the skills of unit members. Supervises one of two Assistant Operations Sergeants (E-5).

OPERATIONS SERGEANT MSG (11B50) - Operates under the broad guidance and direction of the Liaison TFC and reports directly to the Operations Officer. Responsible for the effective operations of the Liaison Sect and the flow of information through the sect. Responsible for preparing and submitting sect reports, preparing maps, graphics, and situation overlays in support of section ops. Supervises section operations and subordinate personnel. In the absence of section officers, acts as the unit authority on liaison operations.

ASSISTANT OPERATIONS SERGEANT SFC (11B40) - Operates under the broad guidance and direction of the Liaison TFC and reports directly to the Engineer Staff Officer. Provides combat arms expertise in the conduct of liaison section operations. Advises rear area units in the preparation of base defense plans and perimeter security. Assumes the duties of the section Operations Sergeant in his absence. Supervises the Recon Specialist.

ASSISTANT OPERATIONS SERGEANT SGT (11B20) - Two positions. Operates under the broad guidance and direction of the Liaison TFC. One Asst Ops Sgt reports directly to the Asst Ops Off and the other reports to the Asst Eng Staff Off. Provides combat arms expertise to the liaison team to which assigned. Assists in liaison sect ops by documenting plans and preparing reports as required.

RECON SPECIALIST SGT (12B20) - Operates under the broad guidance and direction of the Liaison TFC and reports directly to the Asst Ops Sgt SFC. Provides engineer recon support to liaison sect ops. Prepares documentation for recon activities as required. Assists in providing ADC recon mission and analysis.

CLERK TYPIST SP4 (71L10) - Operates under the broad guidance and direction of the Liaison TFC. Reports directly to the Ops Sgt. Performs the documentation of unit plans, logs, and correspondence in support of the sect mission. Prepares and updates sect maps and overlays. Performs additional duties as required.

LIGHT VEHICLE DRIVER PFC (64C10) - Operates under the broad guidance and direction of the Liaison TFC and reports directly to the Ops Sgt. Responsible for maintenance and operation of the liaison sect vehicles. Acts as the section courier and runner. Performs additional duties as required.

SECTION OPERATIONS:

Base Defense Operations

The Liaison sect serves as the tactical interface between the RAOC and the supported unit in the rear area. The primary function of the Liaison sect is to develop base and cluster defense plans. These plans form the basis for each units defense against the threat. The liaison team located with each major cluster is in direct communication with the RAOC. As such, the tactical battle is directed using liaison assets.

RAP Ops

Liaison teams are directly responsible for assisting units in the initial preparation of base defense plans. The liaison team will review the plans and forward them to the RAOC Plans sect. Liaison teams provide technical and tactical expertise to units on the preparation of perimeter defense. These teams conduct rehearsals and test alerts to ensure the base defense plan is operational and adequate.

RACO Ops

The liaison teams are co-located at the Base Cluster Operations Center (BCOC). Bases are expected to provide their

own security and protection against level I threats. However, Level II and III attacks will normally be beyond the capabilities of a base or base cluster to defend against. At such time, requests for assistance in combating Level II and III threats will be made by the BCOC through the RAOC Liaison team.

THE NBC SECTION

The section provides NBC defensive planning guidance measures for base defense clusters by providing a 24 Hr operational capability for processing, plotting, and disseminating NBC reports, incidents and accidents. The section coordinates with the RAOC Plans and O&I Section and provides support to the RAOC Liaison section.

ORGANIZATION

The NBC section is one of six (6) RAOC subordinate elements which report to, and operate directly under the command authority of the RAOC Commander. The section consists of 12 personnel commanded by a Chemical Officer Captain (O-3). Section personnel include a Chemical Plans/Operations Officer (O-3), two NBC Team Chiefs (O-2), two NBC Plotters (E-7), four NBC Computers (E-6), an NBC Operations/Staff NCO (E-6), and an NBC Operation NCO (E-5). In support of these personnel, the unit, and the mission, the section is assigned a 1 1/2 ton trailer, three automatic agent alarm systems, chemical agent detector kits, radiological detection equipment (1 each AN/PDR-27, 28 each IM-93A/PD, 1 each IM-174A/PD), and unit level decontamination equipment (ABC-M11). The NBC section has no assigned communication or prime mover assets.

SECTION POSITIONS AND RESPONSIBILITIES

CHEMICAL OFFICER - Qualified Captain (O-3) 74A00. Performs tactical and technical evaluations of the NBC situation to advise the commander. Provides recommendations to the commander relating to NBC matters. Prepares plans for unit NBC defense operations. Coordinates the NBC warning and reporting system to subordinate, adjacent, and higher headquarters. Determines and recommends individual and unit level training needs into the unit training schedule.

CHEMICAL STAFF OFFICER - Qualified Captain (O-3) 74A00. Provides guidance related to NBC matters for Area Damage Control. This guidance includes defining problem areas by use of radiological and chemical contamination survey parties, defining decontamination requirements, and supervising decontamination efforts. Provides support to the Chemical Officers (SPO and NBCE) upon request.

NBC TEAM CHIEF - Qualified Lieutenant (O-2) 74A5H. Directs

efforts of the NBC element (NCOIC, Plotter, Computer & NBC /Spec) to provide all NBC reports. Insures that the NBC element team members retain proficient in their NBC skills. Provides support upon request to Chemical Staff officers for SPO and ADC.

NBC PLOTTER - Qualified SFC 54E40. Applies knowledge of limitations and capabilities of subordinates in adjusting work assignments. Assigns work, establishes priorities, and inspects completed work for accuracy and compliance with operation procedures. Reviews, consolidates, and prepares technical, personnel reports on unit activities. Provides overall control of technical NBC operations.

NBC COMPUTER - Qualified SSG (E-6) 54E30. Calculates such factors as wind temperature, dose and fallout of NBC attack. Plots data to include location and movement of NBC elements. Plans and conducts route, area, and zone recon missions. Coordinates recon and decontamination squad activities. Establishes personnel and equipment decontamination procedures.

NBC OPS/STAFF NCO - Qualified SSG (E-6) 54E30. Calculates such factors as wind temperature, dose and fallout of NBC attack. Plots data to include location and movement of NBC elements. Plans and conducts route, area, and zone recon missions. Coordinates recon and decontamination squad activities. Establishes personnel and equipment decontamination procedures.

NBC OPS NCO - Qualified SGT (E-5) 54E20. Studies maps of sketches and conducts recon to locate contaminated areas. Plans and organizes recon and decontamination work schedule. Instructs and supervises subordinates in work techniques and procedures. Assists in special application of chemical weapons, munitions, and devices. Predicts effects of weather and terrain on chemical operation.

SECTION OPERATIONS

NBC Element

The two NBC teams (JB) should perform for 12-hour shifts. Both teams are responsible for the evaluation of incoming NBC reports to predict and plot the areas of contamination, expected and actual, for use on the operations map. The NBC teams will prepare all communications to transmit the information of areas of contamination to higher, adjacent, and subordinate units. All prepared communications will be processed through the operations section prior to being given to the communications section.

NBC Defense Planning

The Chemical Officer, Chemical OPS Officer, NBC OPS/Staff

NCO, and NBC OPS NCO will prepare the unit plans for NBC. They will also assist the Plans Sect in reviewing the NBC related topics of base defense cluster plans.

NBC Operations

Assist the O&I section in coordinating NBC operations for ADC. Prepares NBC plots and overlays of areas of contamination for the operations map. Assists in tracking incidents and providing guidance as necessary.

Liaison Team Support

Upon request, an NBC individual may accompany a liaison team to a base defense site. The NBC individual will provide NBC assistance in reviewing plans, collecting information of the base defense NBC capabilities, and advising the base cluster of the flow of NBC information within the rear area and how to coordinate and/or request NBC assistance.

NBC Reporting

The NBC section of the RAOC will receive NBC-1 and 4 reports from units assigned or transiting the rear area. Base cluster commanders will submit the NBC reports to the assigned ASG. The RAOC will provide NBC-2, 3 & 5 reports to the ASG for dissemination to the BDOC's.

THE COMMO SECTION

The section provides communications for all integral RAOC subunits, attached units, and supported units, as well as providing communications assistance to supported Base/Cluster commanders.

ORGANIZATION

The Commo section is one of six (6) RAOC subordinate elements which report to, and operate directly under the command authority of the RAOC Commander. The section consists of 17 personnel commanded by a Communication Officer Captain (O-3). Section personnel include a Tac Comm Chief SSG (31V30), a Tac Comm Sys OP PFC (31V10), Three (3) Radio TT Op TM Chief Sgt (05C20), Six (6) Radio TT Op (three SP4, three PFC) (05C10), and Five (5) Tac Wire Opns Spec (four SP4, one PFC) (36K10).

SECTION POSITIONS AND RESPONSIBILITIES

General

The RAOC concept of C-E operations establishes an integrated system for communications support of tactical and logistical operations and includes the RAOC and its subordinate elements

being connected with the command communications system of its higher headquarters, and signal orders for initial installation, operations, and maintenance of the RAOC communications system are issued by its higher headquarters.

Communications Responsibility

Responsibility for communication is from higher to lower, supporting to supported, and left to right unless otherwise designated. Lateral radio relay communications is the responsibility of the unit on the left. Restoration of a break in communications is a mutual responsibility.

COMMUNICATIONS OFFICER - Qualified Captain (O-3) 25A6B. Advises the Commander/Staff on communication matters pertaining to plans for establishing and displacing the communications system. Supervises installation, operation, and maintenance of communications system from home unit to organic, attached and supporting units. Supervises unit maintenance/repair of signal items. Supervises the maintenance of communications security, including the employment of codes, ciphers, and authentication systems. Normally serves as crypto custodian for the units cryptographic account. Obtains current CEOI and CESI from higher headquarters and extracts these instructions for use in home unit. Assists in selection of exact location for the CP and locations for communications installations within the CP. Reports through channels all matters relating to signal intelligence.

COMMUNICATIONS CHIEF - Qualified SSG 31V30. Supervises, through subordinate non-commissioned officer team chiefs, the installation of the units communications means, its day-to-day operation, and maintenance of the unit C-E equipment. Coordinates all communication within the command post. Keeps informed of all communications aspects of the tactical operation. Assists the C-E officer in the development of the communications training program and Communication SOP. Performs duties as assigned by the C-E officer

SECTION OPERATIONS

Communications Center

Displacement of communication element should be coordinated by the C-E officer. Communication should be continuous throughout displacement. If a communication facility is closed down at the old CP, a new communication facility should be opened at the new CP when the tactical situation permits. The C-E officer should station a guide at the old CP to direct messengers to the new location. A message center is normally located in the vicinity of the CP entrance. Incoming and outgoing messages are routed through the message center. The message center will notify higher, lower, and adjacent message center chief of CP

location and time of opening and closing, maintain official time, maintain complete and current CEOI and prepare pertinent extracts for subordinate unit use, and maintain a special messenger as required.

Communication Security

Authentication should be used when imposing or lifting radio silence, during frequency changes, suspected fraudulent transmissions, when initial enemy contact is made, during unit tactical movement, and any other time operations deem necessary. Classified message or messages to be sent in the clear must be authorized by the RAOC Cdr or his designated representative. The RAOC C-E officer should inspect the CP for messages, carbons, cipher tapes, teletype hard copy, and copies of maps or orders prior to displacement. The loss or compromise of CEOI, codes or crypto material should be reported without delay through signal channels to the issuing authority. Identical messages or parts thereof, should not be sent in clear and encrypted text. The RAOC CEOI should not be taken forward of home CP. When it is necessary for subordinate units to have CEOI information, extracts will be used.

Wire Communications

Priority of installation should be to the Message Center, Operations, CDR, Liaison, Plans, Admin/Log, all other ASAP. Authentication should be used for telephone transmissions in accordance with the RAOC CEOI. Commercial facilities should not be used without prior approval of the RAOC Cdr or higher headquarters.

Radio Communications

The RAOC radio net should conform to that prescribed in the CEOI. Radio silence should be lifted only on orders of the headquarters imposing the silence or as stated in the OPORD in effect. All restrictions on radio stations should be lifted when enemy contact is made unless otherwise specified. Readability checks should be exchanged once every four (4) hours, if no traffic has been passed.

Radio/Wire Integration

Only personnel or agencies assigned call signs and frequencies in the CEOI of the RAOC, or higher headquarters, should be authorized to use radio/wire integration. Requests for additional personnel or agencies to use radio/wire integration should be forwarded to the RAOC C-E officer of the C-E officer of higher headquarters, if necessary.

Electronic Warfare

Radio stations should not attempt to enter, jam, or otherwise interfere with unknown radio stations without prior approval of RAOC headquarters. Jamming, or attempts to enter nets by unknown stations, should be reported to the C-E officer by means other than radio without delay. The report should include time, frequency, type of jamming, signal strength, readability, and identity (if possible) of interfering station.

Frequency Control

Only assigned frequencies and call signs should be used. Changing from primary to alternate call sign should be done only on the authority of the RAOC CE officer and the NCS should order subordinate stations to change frequencies. The report of interference to the communication officer should include; call sign or other identification, frequency, type of emission, signal strength of interfering signal, and severity of interference.

Supply and Maintenance

User maintenance should be performed actively and continually. Communications equipment requiring organizational maintenance should be forwarded to higher headquarters. Requests for signal mobile repair teams should go to the C-E officer of higher headquarters.

Safety

As a minimum, a standard ground rod should be driven six (6) feet in the ground and fastened securely to each operating vehicle, power unit trailer, or any administrative vehicle receiving a telephone. Ground rods are located to eliminate injury to individuals working around the vehicles. Whenever possible, grounding instructions contained in applicable equipment TMs should be followed. Wire cable junction and distribution boxes should be grounded at the box. Vehicle mounted equipment shelters should be grounded to vehicle bodies in at least two places using a minimum of 3/8" electrical lead or braided ground strap.

Threat to the Rear Area

General - The threat to the rear area exists regardless of the force which is faced. The numbers and types of rear area targets available to the enemy, coupled with the relative lack of rear area combat firepower, make the rear area extremely vulnerable to attack. An understanding of the specific enemy threat, by all rear area commanders, can help to insure the survivability of rear area assets and operations. The enemy threat is divided/categorized into three levels (I, II, III) graduated by capability and intensity.

Levels of Threat

1. Level I

- Enemy Agent Activity
- Enemy Sympathizer Activity
- Terrorist Activity

2. Level II (less than Bn)

- organized enemy unconventional forces activity
- organized enemy tactical forces activity (recon in force)

3. Level III (Bn plus)

- Air Assault Operations
- Airborne Operations
- Naval Infantry Operations
- Enemy Tactical Forces Operations

Discussion - The threat to the rear area, although categorized into three progressive levels, can appear in any strength, from any force, at any time. The threat, in all probability, will progress from a lower to a higher level. But, based on a deteriorating situation or an increased enemy capability, certain threat levels may be bypassed prior to an enemy deployment/incident in the rear. Threat levels are provided to guide the Base Cluster Commander (BCC) in understanding the threat that exists, not to specifically identify a threat he faces. The BCC's understanding of the enemy forces, situation, and probable courses of action will help to insure the survivability of the Base Cluster.

RAP Concept.

RAP is a command responsibility. The RAOC is the echelon support commander's asset to be used for planning, organizing, coordinating, and monitoring RAP in the area of operations. All units located in the rear area will be organized into bases containing one or more units. Each base will have a designated base commander responsible for base RAP planning and execution. Geographically related bases will be organized into base clusters with an assigned Base Cluster Commander (BCC).

Bases - Bases are responsible for internal self defense against Level I attacks. Against Level II and III attacks the base is responsible for engaging enemy forces until external reaction forces respond and deploy in support of the attacked base. Each base will establish a Base Defense Operations Center (BDOC) to plan, coordinate, and direct base defense operations.

Base Clusters - A base cluster contains several bases that are grouped together to enhance security and support mutual combat service support functions, and does not normally have a defined perimeter. Each base cluster will establish a Base Cluster Operations Center (BCOC) to plan, coordinate, and direct base and base cluster RAP operations. For RAP purposes, the base cluster is the next higher tactical command and control headquarters for the base.

External Response Forces - Level II and III attacks will normally be beyond the defensive capabilities of a base or base cluster. Reaction forces such as Military Police and host nation tactical combat forces, or both, will be available to respond to the Level II and III threat. Requests for assistance in combating the Level II and III threats will be made by the Base Cluster Operations Center (BCOC) through the RAOC liaison team. The RAOC liaison team will normally be located with the BCOC or the regional host nation military command.

Rear Area Combat Operations

Rear Area Combat Operations (RACO) consist of those actions taken to neutralize or destroy enemy forces in the rear area. These operations are conducted by base defense forces and tactical combat forces, singularly or in a combined effort, to defeat enemy attacks in the rear area.

Base Defense Operations.

Every unit is responsible for its own security and must be capable of protecting itself against Level I enemy incursions. However, support units are not capable of conducting a sustained defense against Level II and III attacks. Therefore, combat support and combat service support units are normally grouped into bases and base clusters to enhance their own defense as well as support joint combat forces.

The base is a geographically small, defensible area with a defined perimeter. The base is the focal point for base defense planning and training and is responsible for defending itself against Level I attacks. In cases of Level II and III attacks, the base engages enemy forces and delays them until reaction forces arrive and assist in defeating the incursion.

The base commander is normally the senior unit commander in the base. The base commander will establish the base defense operations center (BDOC) to plan, coordinate, and supervise base defense operations. The BDOC must have 24Hr operational capability and be manned by base personnel. The base commander prepares the base defense plan, which should conform to standard OPOD format per FM 101-5 para 7-4 and Pg F-20. At a minimum, this plan should address the following:

(1). Establish Perimeter Security to include:

a. Detection techniques.

- LPs/OPs
- Placement of sensors and ground surveillance radars, if available
- Controlled entry/exit points.
- Identification System.
- Challenge, sign/countersign techniques.
- Roving patrols
- Night vision devices
- Platoon Early Warning System (PEWS), if available

b. Warning Techniques.

- Radio Wire communications
- Sirens, horns, bells
- Pyrotechnics
- Runners

c. Delaying Techniques.

- Mines
- Booby Traps
- Wire Barriers
- Flame
- Natural/Man-made obstacles
- Chemical agents
- Crew served weapons

d. Destruction of enemy forces.

- Identifying and securing key terrain features
- Concentrating light antiarmor weapons on likely avenues of approach
- Establishing and integrating fields of fire for antiarmor, crew served, and individual weapons
- Training and rehearsing an internal response force
- Inspecting the location, fortification, and protection of the base Ammunition Supply Point
- Developing a fire support plan for indirect fire and close air support

(2). Provide personal security for key base personnel when appropriate.

(3). Insure reliable and secure communications with at least:

- a. Base Defense Forces
- b. Higher Headquarters
- c. Adjacent bases
- d. MEDEVAC

Note: Messengers may be used as backup

(4). Take defensive measures for CBR attack and warning;

- Execute appropriate MOPP level as directed by higher headquarters
- Instruct base personnel in how to send an NBC 1 report. Instruct key personnel in how to prepare and submit NBC 2 - 5 reports.
- Institute redundant local alarms for NBC attack
- Identify critical NBC assets

(5). Develop a resource list for RACO assets to be completed and forwarded to higher headquarters within 24Hrs of the establishment of the base or base cluster and updated/forwarded as required.

(6). Develop a critical targets/facilities list and use it to develop the base defence plan, relocating/camouflaging targets as appropriate, and forwarding completed lists to higher headquarters.

(7). Establish the command and control diagram.

(8). Plan, coordinate, and supervise base defence training and rehearsals for RAP.

- Develop a comprehensive RAP training program
- Conduct a test alert
- Analyze results of RAP alert and make corrections as necessary
- Forward results to RAOC

(9). Forward completed base defense plans to higher headquarters for approval.

The base cluster commander is normally the senior unit commander in the base cluster. The base commander will establish the base cluster operations center (BCOC) to plan, coordinate, and supervise base cluster defense operations. The BCOC must have 24Hr operational capability and be manned by base cluster personnel. The base cluster commander prepares the base cluster defense plan and reports/coordinates all RAP Ops and reporting through the RAOC liaison team or directly the RAOC representatives at the next higher level of command. Plans

should be in standard OPORD format per FM 101-5 para 7-4 and Pg F-20. At a minimum, this plan should address the defense planning considerations listed for the base commander.

ADC Plan

ADC operations center on the Base organizations ability to plan for and react to incidents involving ADC. The construction of the base ADC plan is therefore essential to the commander in accomplishing this mission. The ADC plan is the commanders most reliable asset to properly react to ADC incidents and restore mission essential facilities. By properly preparing for ADC operations the commander can effectively reduce the effects of damage to mission essential facilities from enemy action and natural disasters. Proper planning involves the consideration of many factors. These factors include:

1. The establishment of specific responsibilities and proper assignment.
2. Identification of assets.
3. Expedient plan implementation.
4. ADC plans review.

Base cluster commanders should submit an ADC plan to the RAOC within 24Hr of the establishment of the Base/Cluster and commander assignment. Plans should be in standard OPORD format per FM 101-5 para 7-4 and Pg F-20.

The establishment of specific responsibilities and proper assignment - Areas of responsibility must be identified and assigned to personnel who have the knowledge to effectively plan for and implement ADC operations. At a minimum, base commanders must organize the following:

1. Fire Fighting Team
2. Vehicle Recovery Team
3. Casualty Team - Includes first Aide and evacuation
- 43 Emergency Ordinance Disposal Team
5. Facilities Emergency Repair Team
6. Decontamination Team
7. Radiological Survey and Monitoring Team

Personnel identified and assigned positions on these teams must be briefed on their responsibilities as they pertain to the needs of a given base or base cluster. Teams should be trained in their discipline and should rehearse operations. The RAOC liaison team will assist the base cluster commanders on team employment.

Identification of Assets - ADC assets must be identified within the base internal equipment holdings. ADC assets include all equipment needed, or available, to support the team mission. Assets should be prioritized in order of importance for base survivability and included as an Annex to the ADC plan.

Expedient Plan Implementation - Contingency planning is essential for expedient plan implementation. Rehearsals of team mobilization and operations should be conducted commensurate with the specific needs of the base. Results of team rehearsals will be maintained at the operations center for review.

ADC Plans Review - ADC plans must be updated to reflect the current situation, personnel reassignment/loss, and unit shifts. Changes to ADC plans must be posted as well as submitted to the RAOC for review.

NBC Defence Plan

This Base/Cluster Complex commander must also prepare an NBC defence plan. This section addresses NBC defensive planning as it pertains to all RAP operations in the rear area. Rear area NBC defensive plans are an integral part of RAP planning and should augment rather than compromise existing unit SOP's.

The NBC defensive plan should collectively insure that the base cluster effectively and efficiently employs NBC assets and procedures. NBC activities should be established and coordinated to insure continuation of the mission in an NBC environment. NBC planning should encompass the following:

1. NBC warning and reporting system
2. Individual and collective protection measures.
3. Identification of base cluster critical NBC assets.
4. Identification of the NBC threat to the AO.
5. Reaction to the use of enemy NBC agents/munitions.

Specific guidance to NBC planning.

NBC warning and reporting systems should cover the following topics:

1. Establishment of a common NBC alert and warning system within the AO.

2. Establishing the flow of NBC information to higher, adjacent, and subordinate units.

3. Integration of an NBC alert, warning, and reporting system into the Communications network.

Individual and collective protection measures should include:

1. Establishing remedial NBC training for all units to insure maximum proficiency.

2. Identification of standard collective protection and field expedient protective measures.

3. Establishing the priority of use and commitment of collective protection assets (ie: shelters for hospitals, tactical operations center, etc).

4. Insure maximum use of contamination avoidance measures.

Identification of critical NBC assets

Base defense clusters should list, categorize, and prioritize significant NBC assets within the AO which includes both assigned organic and OPCON units.

NBC assets normally constitute:

- (a). NBC defense company(s).
- (b). Decontamination teams.
- (c). Reconnaissance teams.
- (d). NBC element (formerly CBRE).
- (e). Smoke company(s).

NBC capabilities and the physical protection necessary to keep those assets intact should be identified along with the NBC threat to the AO. The plan should include the use of intelligence channels to collect and identify the NBC threat to the rear area and continually update the threat. It should insure the level of threat is monitored and feedback into the Mission Oriented Protective Posture (MOPP). And, it should disseminate the NBC threat through all technical and tactical command channels.

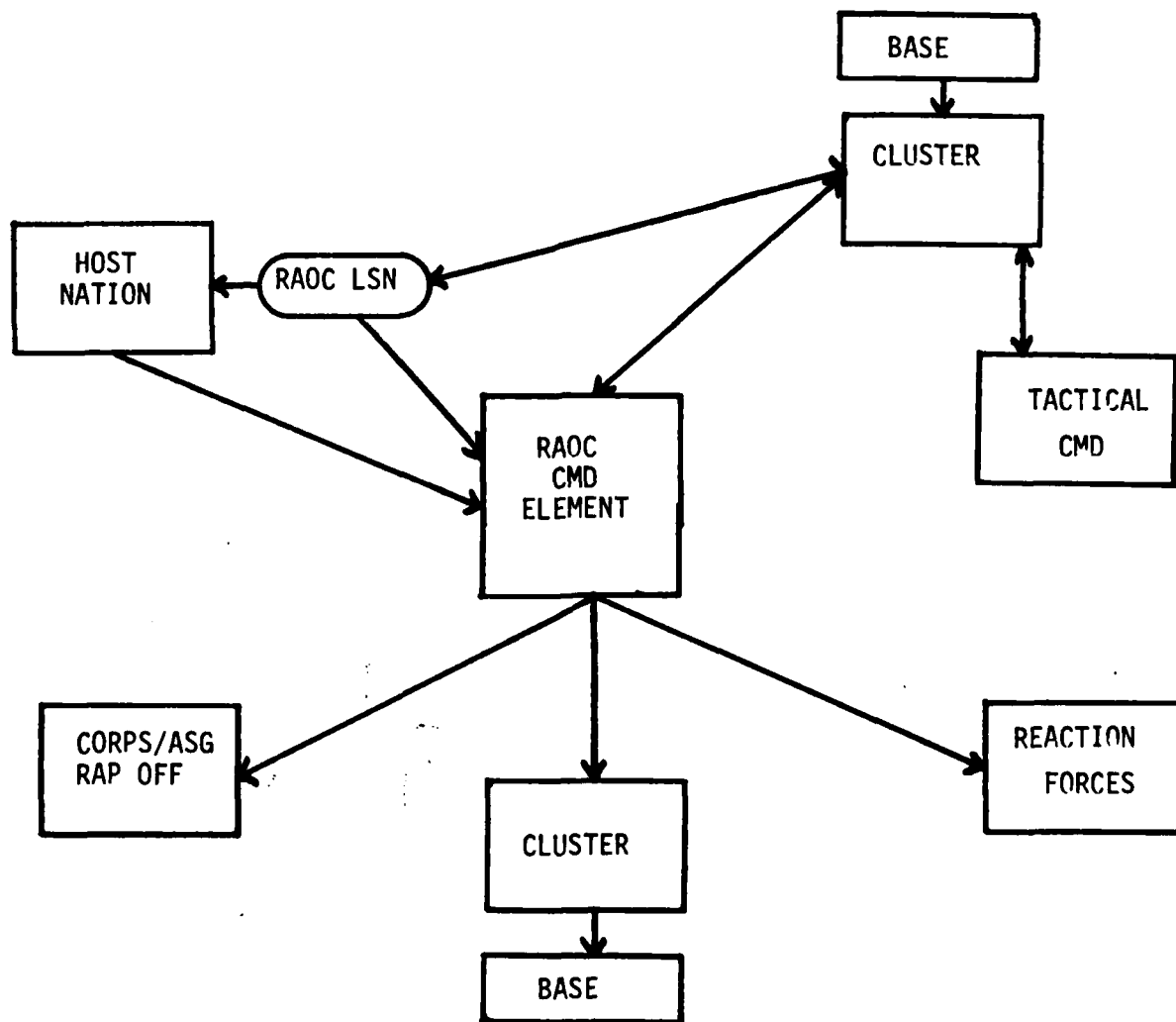
COMMAND AND CONTROL

Command and control is especially important when RAP operations are employed and involves two separate communications channels, tactical and technical. The concept of command and

control in the rear area crosses both of these communications channels and the base and base cluster commanders must be aware of the inherent conflict involved in RAP reporting. Commanders must follow unit technical SOP's/CEOI's when operating in the rear area, but they must also report all tactical information through the RAOC and rear area echelon command channels. To insure survivability, all RAP communications and reporting must be reported through RAOC channels first. This in no way relieves a commander from reporting RACO operations through unit channels. By reporting through RAOC channels, the base and base complex commander will insure that the echelon support commander and reaction forces are informed of RACO operations in the most expeditious manner.

Information Flow

The following diagram is designed to outline the flow of information in the RAOC area of operations:



RAP REPORTS

Reports are an integral part of RAP planning and should augment rather than compromise existing unit SOP's. This section provides an example format for required RAP reports in the rear area. Reports addressed in this section include Presence, SPOT, and RACO/ADC Assets

PRESENCE REPORT

Blank Form is UNCLASSIFIED

Unit/Military Agency _____

Place/Cluster ID/Date _____

SUBJECT: Presence Report

UNIT _____

FIELD POSTAL NUMBER _____

ASSEMBLY AREA
~~OPERATION~~

CP

AREA OF
~~OPERATION~~

Expected Duration of Stay _____

PERSONNEL STRENGTH

WEAPONS

TOTAL _____

HEAVY _____

OFF _____

LIGHT _____

EM _____

NUMBER OF VEHICLES WHEELED _____ TRACKED _____

OTHER INFORMATION

SIGNATURE

SPOT REPORT

UNIT IDENTIFICATION _____

CLUSTER _____

INCIDENT: DESC
 TIME
 LOCATION (Include enemy ID, Desc, Loc, Route, etc)

PERSONNEL LOSS/CASUALTY

KIA FRIENDLY _____ ENEMY _____

WOUNDED FRIENDLY _____ ENEMY _____

FACILITY DAMAGE

EQUIPMENT LOSS/DAMAGE

IMPACT OF INCIDENT ON MISSION CAPABILITY

RACO/ADC ASSETS REPORT

RACO

UNIT ID _____

CLUSTER _____

LOCATION _____

No. OF PERSONNEL AVAIL FOR RACO OPS _____

No. AND TYPE OF INDV WPN _____

No. AND TYPE OF CREW SERVED WPN _____

No. AND TYPE OF ANTO ARMOR WPN/MUN _____

ADC ASSETS

List No. and type of Equip to be used for ADC OPS (Fire fighting, Veh recovery, Casualty evac, Facilities emergency repair). Include earth moving, lifting, NBC Decon/Survey Equip, and all vehicles over 1/4 ton.

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